

**FOR STATE USE ONLY**

Date Received: _____
Site No.: _____
GWP#: _____
Municipal Notification Date: _____
Rivers Coordinator Notif. Date: _____

APPLICATION FOR GROUNDWATER DISCHARGE PERMIT

GROUNDWATER DISCHARGE PERMIT is a permit issued under RSA 485-A:13 and Env-Ws 410.08 for the discharge of wastewater to the ground or groundwater. (Examples include rapid infiltration basins, septic systems not meeting the nitrate setback requirements, spray irrigation of treated municipal wastewater and carwashes and treated industrial wastewater.)

SUBMIT:

- ONE SIGNED AND COMPLETED APPLICATION
- SUPPORTING INFORMATION
- \$1,000 APPLICATION FEE (in the form of a check payable to the "State of New Hampshire - D.E.S." State and local government including counties and political subdivisions are exempt)

TO:

NH DES
Groundwater Permit Administration
Groundwater Protection Bureau
P.O. Box 95
Concord, N.H. 03301

If you have any questions please contact Groundwater Permit Coordinator at (603) 271-3644.

CERTIFICATION OF NOTICE TO LOCAL TOWN /CITY CLERK

In order to meet the requirements of Env-Ws 410.11, the undersigned certifies that on _____, 19____, a copy of this completed permit application was given to the Town/City Clerk of _____ (the town in which the facility requesting a permit is located).

Date: _____ Signed: _____
(Applicant)

I. Activity Type

- ☐ Operation of an unlined domestic wastewater lagoon
- ☐ Operation of an unlined septage lagoon
- ☐ Land application of domestic wastewater
- ☐ Land application of septage (greater than the agronomic rate)
- ☐ Discharge of domestic wastewater from a subsurface disposal system with a design flow equal to or greater than 20,000 gallons per day.
- ☐ Discharge of domestic wastewater from subsurface disposal systems with aggregate design flows equal to or greater than 1,000 gpd for a single lot which do not meet the minimum nitrate setback distances.
- ☐ Discharge of nondomestic wastewater which contains a regulated contaminant and which has received treatment by best available technology before discharge.

II. Facility Information

Facility Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Tax Map: _____ Lot No.: _____

Deed Reference - County: _____ Book and Page: _____

III. Facility Owner (Permit Applicant) Information

Facility Owner Name: _____ Phone No.: () _____ - _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

IV. Property Owner Information (complete only if different from facility owner)

Property Owner Name: _____ Phone No.: () - _____

Mailing Address:

City: _____ State: _____ Zip: _____

V. Facility Operator Information (complete only if different from facility owner)

Facility Operator Name: _____ Phone No.: () - _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

VI. Contact Person Information

Contact Person Name: _____ Phone No.: () _____ - _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

VII. Facility Activity Information

Briefly describe the facility, its intended capacity, type of wastes or wastewater handled, together with supporting information describing the process involved in the treatment, storage, or disposal of wastes.

[illegible]

VIII. Discharge

- A. Type of discharge (primary domestic wastewater effluent, secondary, etc.). Attach analytical results, if available: _____
- B. Volume of discharge (GPD): _____
- C. Total number of designed discharge points (i.e. leachfield, dry wells): _____
- D. Estimated construction time and projected start-up date (for new facilities only): _____
- E. In the case of industries, all pertinent information, including Standard Industrial Code (SIC) concerning processes, production, and associated waste treatment shall be included in this application.

IX. Supporting Information

Use the check list as a guide to submitting all needed information, check "Y" (Yes) or "NA" (Not Applicable) (refer to the appropriate supplemental information sheet for specific materials required for various types of activities. Supplemental information sheets can be obtained from Public Information and Permitting (PIP) by calling 271-2975. If your activity is not covered by a supplemental information sheet, submittal requirements will be determined on a case by case basis.)

<u>Y</u>	<u>NA</u>	
<input type="checkbox"/>		A. USGS map (7-½ minute series if available) which clearly identifies the facility location;
		B. For discharges of domestic wastewater, a groundwater discharge zone map, using a tax map as a base, which identifies and locates the following:
<input type="checkbox"/>	<input type="checkbox"/>	1. Groundwater discharge zone boundary;
<input type="checkbox"/>	<input type="checkbox"/>	2. Deeded easements which restrict the use of the groundwater;
<input type="checkbox"/>	<input type="checkbox"/>	3. Streets within 1,000 feet of the groundwater discharge zone;
<input type="checkbox"/>	<input type="checkbox"/>	4. Properties (including tax map and lot, ownership and land use within 1,000 feet of the groundwater discharge zone;
<input type="checkbox"/>	<input type="checkbox"/>	5. Surface water bodies within 1,000 feet of the groundwater discharge zone;
<input type="checkbox"/>	<input type="checkbox"/>	6. Water supply wells (including type of use) within 1,000 feet of the discharge zone;
<input type="checkbox"/>		C. Detailed scaled facility plan prepared in accordance with the following:
<input type="checkbox"/>		* 1. The plan shall include a title, a legend and a true north arrow;
<input type="checkbox"/>		* 2. The plan shall be drawn to scale and the scale shall be noted on the plan and include a graphic scale bar;
<input type="checkbox"/>	<input type="checkbox"/>	3. The base plan sources from which the facility plan was derived shall be noted on the plan;
<input type="checkbox"/>		4. The location, elevation, and datum of a benchmark shall be bench mark referenced to NGVD is within 1,000 feet of the facility, shall be recorded using NGVD and the source of the NGVD shall be noted on the plan;
<input type="checkbox"/>		5. Ground surface spot elevations and appropriate contours shall be shown;
<input type="checkbox"/>		6. The facility plan shall identify and locate the following:
<input type="checkbox"/>		* a. Wastewater application areas;
<input type="checkbox"/>		* b. Existing and proposed groundwater monitoring wells that will be monitored;
<input type="checkbox"/>	<input type="checkbox"/>	* c. Surface water sampling points;
<input type="checkbox"/>		* d. Groundwater contours within 100 feet of the groundwater discharge zone;
<input type="checkbox"/>	<input type="checkbox"/>	* e. Surface water bodies within 100 feet of the groundwater discharge zone;
<input type="checkbox"/>	<input type="checkbox"/>	* f. Deeded easements which restrict the use of groundwater;
<input type="checkbox"/>	<input type="checkbox"/>	* g. A groundwater discharge zone boundary;
<input type="checkbox"/>		h. Land surface contours within 100 feet of the groundwater discharge zone;
<input type="checkbox"/>	<input type="checkbox"/>	i. Piezometers used to develop the groundwater contours;
<input type="checkbox"/>		j. Table of water level measurements and elevations found in piezometers and monitoring wells used to develop the groundwater contours;

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- ☐ ☐ k. Soil borings and test pits within 100 feet of the groundwater discharge zone ;
- ☐ ☐ l. Physical structures and buildings associated with the facility;
- ☐ ☐ m. Surface and underground storage tanks associated with the facility;
- ☐ ☐ n. Underground utilities at the facility;
- ☐ ☐ o. Subsurface drains at the facility;
- ☐ D. In addition to the facility plan, a copy of the plan scaled to fit on a 8-½"x 11" or 11"x 17" sheet and modified to make the items with a (*) in Part IX (c) above legible.;
- ☐ ☐ E. A table, in a format prescribed by the Department, summarizing all monitoring results to date from existing monitoring points;
- ☐ ☐ F. A list of reports on land use history, activities, water quality and hydrogeology associated with the property on which the facility is located;
- ☐ G. A detailed proposal for water quality monitoring program, including proposed monitoring schedule, parameters to be analyzed and monitoring locations, with supporting information justifying the locations, frequency and parameters selected;
- ☐ H. Test pit data and boring log data including textural description, drilling methods, blow counts and water table observation;
- ☐ ☐ I. Well construction details of existing monitoring wells, top of well casing elevations, measured depth to water table from top of casing;
- ☐ ☐ J. Documentation that the use of groundwater within the groundwater discharge zone for drinking water wells shall be restricted by easement or ownership;
- ☐ ☐ K. Status of Department approval of design plans and operations manual for the wastewater treatment system.

X. Permit Issuance Information

- A. Within 90 days from the receipt of a complete permit application, the Department shall deny the application or issue a permit for a period of five years subject to renewal. The Department shall notify the applicant of its decision, in writing.
- B. The Department shall place conditions upon a groundwater discharge permit as required to assure conformance with these rules.
- C. The Department shall have the right to enter any permitted facility for the purpose of collecting information, examining records, collecting samples or undertaking other action associated with the permit.
- D. The permittee shall submit to the Department before facility start-up, an as-built site plan on an 8-½"x 11" or 11"x 17" sheet and boring logs and well construction details of wells installed after permit issuance.
- E. The permittee shall submit one complete set of water quality results to the Department before facility start-up.
- F. The permittee shall apply for the renewal of the permit 90 days prior to its expiration date.
- G. A permittee may request a permit modification or permit termination by submitting a written request to the Department, including the reasons for the modification or termination and a table (in a format prescribed by the Department) summarizing all monitoring results to date from existing monitoring points. The Department shall modify or terminate the permit or deny the request, stating the reasons for the denial in writing, within 90 days of receipt of the request.
- H. Prior to transfer of ownership of a facility, the permittee shall file a written request with the Department for a transfer of the permit to the new owner. The request shall include a summary of all monitoring results to date in a format prescribed by the Department. Within 90 days of receiving a request for a transfer, the Department shall notify the present permittee and the new permittee of its decision in writing. Within 90 days from the date of approval of transfer, the new permittee shall notify the Department in writing of its acceptance of the permit.

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XI. Certification

To the best of my knowledge, the data and information which I have submitted to obtain Groundwater Discharge Permit from the New Hampshire Department of Environmental Services, are true and correct.

The undersigned certifies that application has been made for all required state or federal permits.

Date: _____ Signed: _____
Permit Applicant (Facility Owner)

No liability is incurred by the State by reason of approval for Groundwater Discharge Permits. Approval by the New Hampshire Department of Environmental Services is based on the information supplied by the applicant. No guarantee is intended or implied by reason of any advice given by the Department or its staff.
